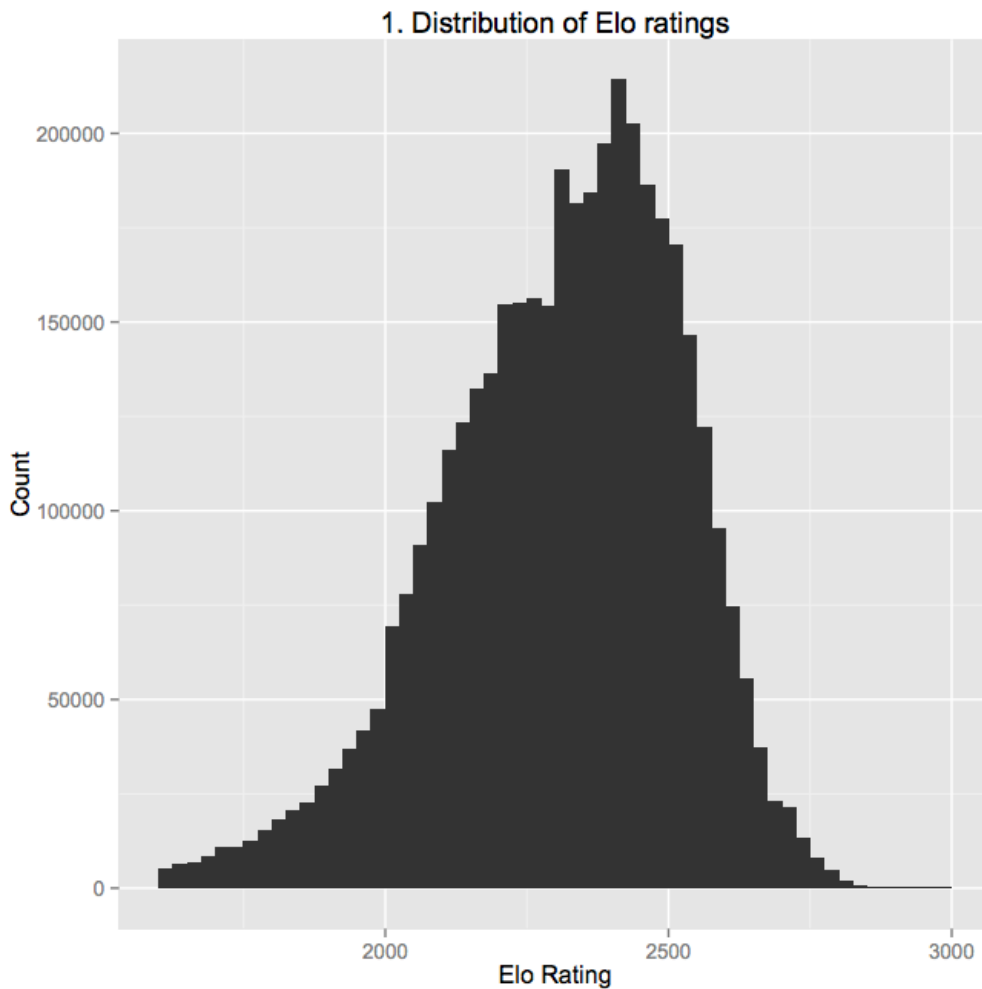


# Distribution of Elo Ratings



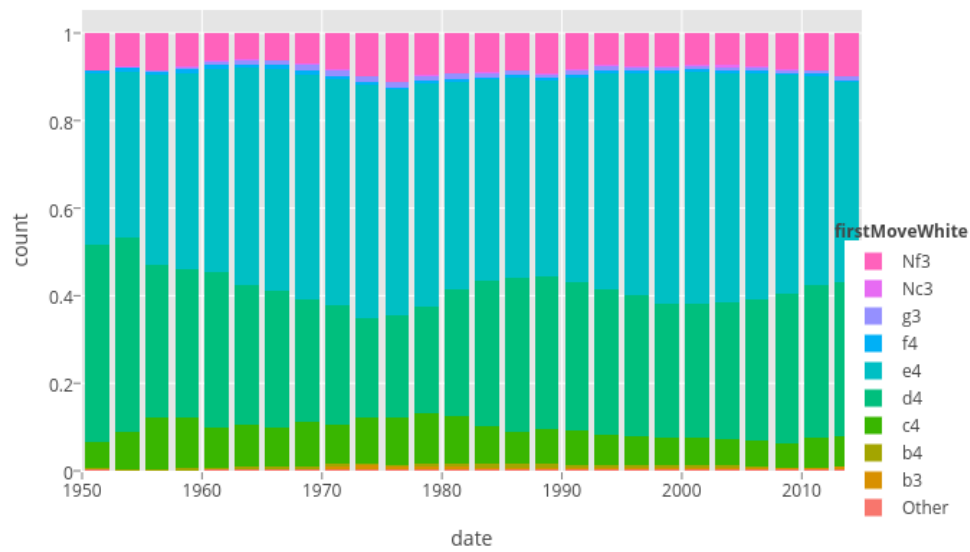
As you can see, most records come from tournament games with high Elo Rating.

I underline players with >2000 Elo rating are experts in Chess. With about 5 millions of games listed, we'll obtain accurate results. I remember you that the Elo system appears in the 1970', this is why oldest games don't appear here.

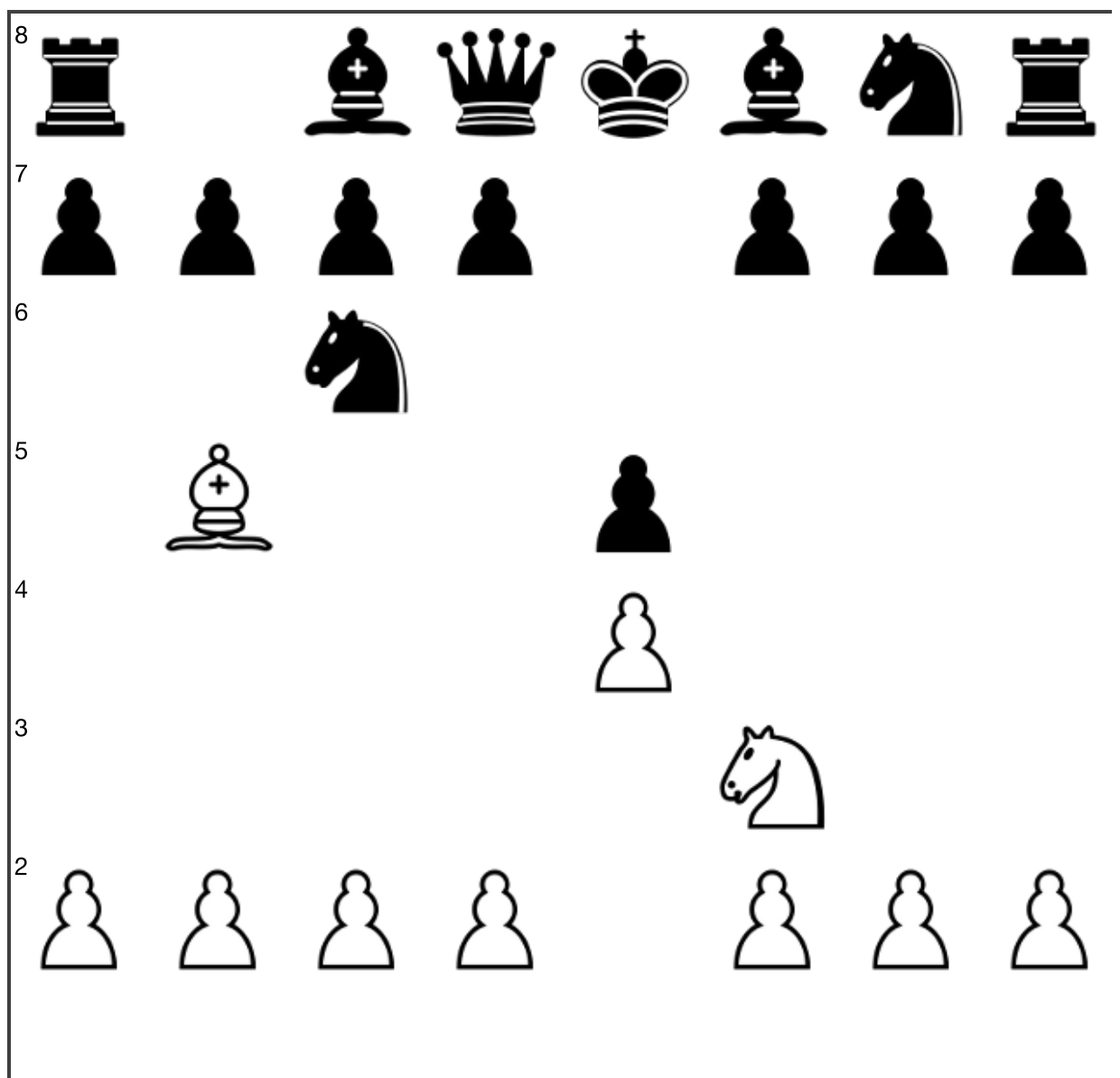
See below the list of most represented events in our database.

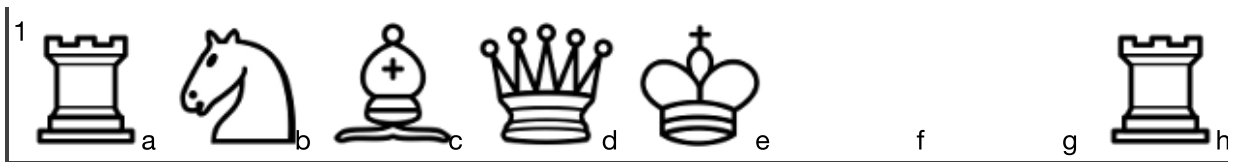
Event Name	Event City	Number of Games
Politiken Cup	Copenhagen DEN	10000
Politiken Cup	Copenhagen DEN	9000
Politiken Cup	Copenhagen DEN	

## Openings



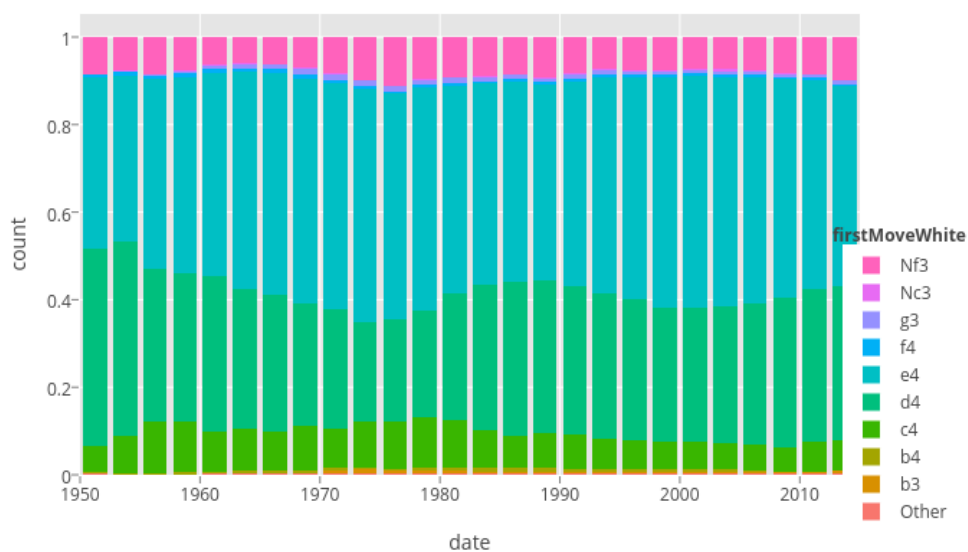
## Ply per Game Depending on the Elo Rating





The number of moves (on average 40) follows two trends : Until 200 difference in Elo rating, the number of ply per game increases from 78 to 85. Maybe because the lower player plays defense ? With a larger difference, the number of Ply decreases to 60 ply per game. Indeed, the strongest player gains the upper hand quickly over the opponent.

## Percentage Game Win by Higher Elo Rating



The difference in Elo rating strongly predicts the winner of the game. The trend is impressive. With a difference of 100, the chance for the higher player to win is 70% (not counting draws). It reflects the Elo rating.